

**DECLARATION
AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUMAN ANTIBODIES DERIVED FROM IMMUNIZED XENOMICE

and for which a patent application:

is attached hereto and includes amendment(s) filed on _____ (if applicable)
 was filed in the United States on October 2, 1996 as Application Serial No. 08/724,752
 with amendment(s) filed on _____ (if applicable)
 was filed as PCT international application Serial No. _____ on _____ and was amended under PCT Article 19
 on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
PCT/US96/05928	PCT	29 April 1996	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED
08/430,938	04/27/95		X	
08/234,145	04/28/94		X	
08/112,848	08/27/93		X	
08/031,801	03/15/93		X	
07/919,297	07/24/92			X
07/610,515	11/08/90			X
07/466,008	01/12/90			X

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaiani (Reg. No. 20019), Charles E. McKenney (Reg.

No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Ann L. Gisolfi (Reg. No. 31956), SaraLynn Mandel (Reg. No. 31853), Mark A. Farley (Reg. No. 33170), James G. Markey (Reg. No. 31636), and Charles F. Hoyng (Reg. No. 35548), all of Pennie & Edmonds, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 2730 Sand Hill Road, Menlo Park, CA 94025, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

SEND CORRESPONDENCE TO: PENNIE & EDMONDS 1155 AVENUE OF THE AMERICAS NEW YORK, N.Y. 10036-2711			DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS DOCKETING (212) 790-2803		
2 0 1	FULL NAME OF INVENTOR	LAST NAME Kucherlapati	FIRST NAME Raju	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Darien	STATE OR FOREIGN COUNTRY CT	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 8 Gracie Lane	CITY Darien	STATE OR COUNTRY CT	ZIP CODE 06820
2 0 2	FULL NAME OF INVENTOR	LAST NAME Jakobovits	FIRST NAME Aya	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Menlo Park	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP Israel	
	POST OFFICE ADDRESS	STREET 2021 Monterey Avenue	CITY Menlo Park	STATE OR COUNTRY CA	ZIP CODE 94025
2 0 3	FULL NAME OF INVENTOR	LAST NAME Brenner	FIRST NAME Daniel	MIDDLE NAME G.	
	RESIDENCE & CITIZENSHIP	CITY Redwood City	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 86 Central Avenue	CITY Redwood City	STATE OR COUNTRY CA	ZIP CODE 94601
2 0 4	FULL NAME OF INVENTOR	LAST NAME Capon	FIRST NAME Daniel	MIDDLE NAME J.	
	RESIDENCE & CITIZENSHIP	CITY Hillsborough	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 90 Woodridge Road	CITY Hillsborough	STATE OR COUNTRY CA	ZIP CODE 94010
2 0 5	FULL NAME OF INVENTOR	LAST NAME Klapholz	FIRST NAME Sue	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Stanford	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 76 Peter Coutts Circle	CITY Stanford	STATE OR COUNTRY CA	ZIP CODE 94305

SIGNATURE OF INVENTOR 201 <i>Raju Kucherlapati</i> DATE <i>DEC 10, 1996</i>	SIGNATURE OF INVENTOR 202 <i>Aya Jakobovits</i> DATE	SIGNATURE OF INVENTOR 203 <i>Daniel G. Brenner</i> DATE
SIGNATURE OF INVENTOR 204 <i>Daniel J. Capon</i> DATE	SIGNATURE OF INVENTOR 205 <i>Sue Klapholz</i> DATE	SIGNATURE OF INVENTOR 206 <i>Sue Klapholz</i> DATE <i>12/6/96</i>

**DECLARATION
AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUMAN ANTIBODIES DERIVED FROM IMMUNIZED XENOMICE

and for which a patent application:

is attached hereto and includes amendment(s) filed on _____ (if applicable)
 was filed in the United States on October 2, 1996 as Application Serial No. 08/724,752
 with amendment(s) filed on _____ (if applicable)
 was filed as PCT international application Serial No. _____ on _____ and was amended under PCT Article 19
 on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
PCT/US96/05928	PCT	29 April 1996	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED
08/430,938	04/27/95		X	
08/234,145	04/28/94		X	
08/112,848	08/27/93		X	
08/031,801	03/15/93		X	
07/919,297	07/24/92			X
07/610,515	11/08/90			X
07/466,008	01/12/90			X

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaianni (Reg. No. 20019), Charles E. McKenney (Reg.

No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Ann L. Gisolfi (Reg. No. 31956), SaraLynn Mandel (Reg. No. 31853), Mark A. Farley (Reg. No. 33170), James G. Markey (Reg. No. 31636), and Charles F. Hoyng (Reg. No. 35548), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 2730 Sand Hill Road, Menlo Park, CA 94025, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

SEND CORRESPONDENCE TO: PENNIE & EDMONDS 1155 AVENUE OF THE AMERICAS NEW YORK, N.Y. 10036-2711			DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS DOCKETING (212) 790-2803		
201	FULL NAME OF INVENTOR	LAST NAME Kucherlapati	FIRST NAME Raju	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Darien	STATE OR FOREIGN COUNTRY CT	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 8 Gracie Lane	CITY Darien	STATE OR COUNTRY CT	ZIP CODE 06820
202	FULL NAME OF INVENTOR	LAST NAME Jakobovits	FIRST NAME Aya	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Menlo Park	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP Israel	
	POST OFFICE ADDRESS	STREET 2021 Monterey Avenue	CITY Menlo Park	STATE OR COUNTRY CA	ZIP CODE 94025
203	FULL NAME OF INVENTOR	LAST NAME Brenner	FIRST NAME Daniel	MIDDLE NAME G.	
	RESIDENCE & CITIZENSHIP	CITY Redwood City	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 86 Central Avenue	CITY Redwood City	STATE OR COUNTRY CA	ZIP CODE 94601
204	FULL NAME OF INVENTOR	LAST NAME Capon	FIRST NAME Daniel	MIDDLE NAME J.	
	RESIDENCE & CITIZENSHIP	CITY Hillsborough	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 90 Woodridge Road	CITY Hillsborough	STATE OR COUNTRY CA	ZIP CODE 94010
205	FULL NAME OF INVENTOR	LAST NAME Klapholz	FIRST NAME Sue	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Stanford	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 76 Peter Coutts Circle	CITY Stanford	STATE OR COUNTRY CA	ZIP CODE 94305

SIGNATURE OF INVENTOR 201 Raju Kucherlapati	SIGNATURE OF INVENTOR 202 2/10/97 Aya Jakobovits	SIGNATURE OF INVENTOR 203 Daniel G. Brenner
DATE	DATE Aya Jakobovits	DATE
SIGNATURE OF INVENTOR 204 Daniel J. Capon	SIGNATURE OF INVENTOR 205 Sue Klapholz	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE

DECLARATION
AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUMAN ANTIBODIES DERIVED FROM IMMUNIZED XENOMICE

and for which a patent application:

is attached hereto and includes amendment(s) filed on _____
 was filed in the United States on October 2, 1996 as Application Serial No. 08/724,752
 with amendment(s) filed on _____
 was filed as PCT international application Serial No. _____ on _____ and was amended under PCT Article 19
 on _____

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
PCT/US96/05928	PCT	29 April 1996	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE

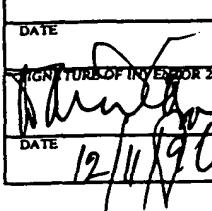
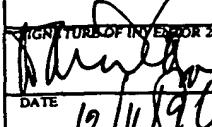
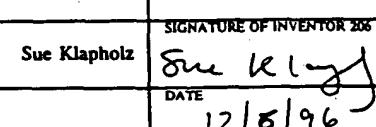
I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED
08/430,938	04/27/95		X	
08/234,145	04/28/94		X	
08/112,848	08/27/93		X	
08/031,801	03/15/93		X	
07/919,297	07/24/92			X
07/610,515	11/08/90			X
07/466,008	01/12/90			X

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaianni (Reg. No. 20019), Charles E. McKenney (Reg.

No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antier (Reg. No. 32605), Ann L. Gisolfi (Reg. No. 31956), SaraLynn Mandel (Reg. No. 31853), Mark A. Farley (Reg. No. 33170), James G. Markey (Reg. No. 31636), and Charles F. Hoyng (Reg. No. 35548), all of Pennie & Edmonds, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 2730 Sand Hill Road, Menlo Park, CA 94025, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

SEND CORRESPONDENCE TO: PENNIE & EDMONDS 1155 AVENUE OF THE AMERICAS NEW YORK, N.Y. 10036-2711				DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS DOCKETING (212) 790-2803	
2 0 1	FULL NAME OF INVENTOR	LAST NAME Kucherlapati	FIRST NAME Raju	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Darien	STATE OR FOREIGN COUNTRY CT	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 8 Gracie Lane	CITY Darien	STATE OR COUNTRY CT	ZIP CODE 06820
2 0 2	FULL NAME OF INVENTOR	LAST NAME Jakobovits	FIRST NAME Aya	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Menlo Park	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP Israel	
	POST OFFICE ADDRESS	STREET 2021 Monterey Avenue	CITY Menlo Park	STATE OR COUNTRY CA	ZIP CODE 94025
2 0 3	FULL NAME OF INVENTOR	LAST NAME Brenner	FIRST NAME Daniel	MIDDLE NAME G.	
	RESIDENCE & CITIZENSHIP	CITY Redwood City	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 86 Central Avenue	CITY Redwood City	STATE OR COUNTRY CA	ZIP CODE 94601
2 0 4	FULL NAME OF INVENTOR	LAST NAME Capon	FIRST NAME Daniel	MIDDLE NAME J.	
	RESIDENCE & CITIZENSHIP	CITY Hillsborough	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 90 Woodridge Road	CITY Hillsborough	STATE OR COUNTRY CA	ZIP CODE 94010
2 0 5	FULL NAME OF INVENTOR	LAST NAME Klapholz	FIRST NAME Sue	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Stanford	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 76 Peter Cotts Circle	CITY Stanford	STATE OR COUNTRY CA	ZIP CODE 94305

SIGNATURE OF INVENTOR 201 Raju Kucherlapati	SIGNATURE OF INVENTOR 202 Aya Jakobovits	SIGNATURE OF INVENTOR 203 Daniel G. Brenner
DATE 	DATE	DATE
SIGNATURE OF INVENTOR 204 	SIGNATURE OF INVENTOR 205 Daniel J. Capon	SIGNATURE OF INVENTOR 206 
DATE 12/11/96	DATE	DATE 12/6/96

DECLARATION
AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUMAN ANTIBODIES DERIVED FROM IMMUNIZED XENOMICE

and for which a patent application:

is attached hereto and includes amendment(s) filed on _____
 was filed in the United States on October 2, 1996 as Application Serial No. 08/724,752
 with amendment(s) filed on _____
 was filed as PCT international application Serial No. _____ on _____ and was amended under PCT Article 19
 on _____

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
PCT/US96/05928	PCT	29 April 1996	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED
08/430,938	04/27/95		X	
08/234,145	04/28/94		X	
08/112,848	08/27/93		X	
08/031,801	03/15/93		X	
07/919,297	07/24/92			X
07/610,515	11/08/90			X
07/466,008	01/12/90			X

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaianni (Reg. No. 20019), Charles E. McKenney (Reg.

No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundein (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Ann L. Gisolfi (Reg. No. 31956), SaraLynn Mandel (Reg. No. 31853), Mark A. Farley (Reg. No. 33170), James G. Markey (Reg. No. 31636), and Charles F. Hoyng (Reg. No. 35548), all of Pennie & Edmonds, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 2730 Sand Hill Road, Menlo Park, CA 94025, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

SEND CORRESPONDENCE TO: PENNIE & EDMONDS 1155 AVENUE OF THE AMERICAS NEW YORK, N.Y. 10036-2711			DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS DOCKETING (212) 790-2803		
2 0 1	FULL NAME OF INVENTOR	LAST NAME Kucherlapati	FIRST NAME Raju	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Darien	STATE OR FOREIGN COUNTRY CT	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 8 Gracie Lane	CITY Darien	STATE OR COUNTRY CT	ZIP CODE 06820
2 0 2	FULL NAME OF INVENTOR	LAST NAME Jakobovits	FIRST NAME Aya	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Menlo Park	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP Israel	
	POST OFFICE ADDRESS	STREET 2021 Monterey Avenue	CITY Menlo Park	STATE OR COUNTRY CA	ZIP CODE 94025
2 0 3	FULL NAME OF INVENTOR	LAST NAME Brenner	FIRST NAME Daniel	MIDDLE NAME G.	
	RESIDENCE & CITIZENSHIP	CITY Redwood City	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 86 Central Avenue	CITY Redwood City	STATE OR COUNTRY CA	ZIP CODE 94601
2 0 4	FULL NAME OF INVENTOR	LAST NAME Capon	FIRST NAME Daniel	MIDDLE NAME J.	
	RESIDENCE & CITIZENSHIP	CITY Hillsborough	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 90 Woodridge Road	CITY Hillsborough	STATE OR COUNTRY CA	ZIP CODE 94010
2 0 5	FULL NAME OF INVENTOR	LAST NAME Klapholz	FIRST NAME Sue	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Stanford	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 76 Peter Couts Circle	CITY Stanford	STATE OR COUNTRY CA	ZIP CODE 94305

SIGNATURE OF INVENTOR 201 <i>Raju Kucherlapati</i>	SIGNATURE OF INVENTOR 202 <i>Aya Jakobovits</i>	SIGNATURE OF INVENTOR 203 <i>Daniel G. Brenner</i>
DATE <i>Dec 10, 1996</i>	DATE	DATE <i>21 January 1997</i>
SIGNATURE OF INVENTOR 204 <i>Daniel J. Capon</i>	SIGNATURE OF INVENTOR 205 <i>Sue Klapholz</i>	SIGNATURE OF INVENTOR 206 <i>Sue Klapholz</i>
DATE	DATE	DATE <i>12/8/96</i>

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Suzanne Ziska
Group : 1804
Applicants : Kucherlapati et al.
Serial No. : 08/724,752
Filed : October 2, 1996
For : HUMAN ANTIBODIES DERIVED FROM IMMUNIZED
XENOMICE

Hon. Assistant Commissioner
for Patents
Washington, D.C. 20231

REVOCATION OF POWER OF ATTORNEY
AND
POWER OF ATTORNEY

Sir:

ABGENIX, INC., the assignee of the entire right, title and interest in and to the above-identified patent application by virtue of an assignment recorded February 20, 1997 at Reel 8398, Frame 0596 (copy enclosed), hereby revokes all previous powers of attorney and appoints the following attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office in connection therewith:

James F. Haley, Jr.	Registration No. 27,794
Margaret A. Pierri	Registration No. 30,709
Jane T. Gunnison	Registration No. 38,479
Barbara A. Ruskin	Registration No. 39,350

c/o FISH & NEAVE
1251 Avenue of the Americas - 50th Floor
New York, New York 10020
Tel.: (212) 596-9000

Please address all correspondence and direct all
telephone calls regarding the application to:

James F. Haley, Jr., Esq.
c/o FISH & NEAVE
1251 Avenue of the Americas - 50th Floor
New York, New York 10020
Tel.: (212) 596-9000

ABGENIX, INC.

By 

Name: Raymond M. Withy

Title: Vice-President, Business
Development

Date: 2/4/98

I, Thomas J. Quinones, hereby certify that this
correspondence is being
deposited with the U.S.
Postal Service as First
Class Mail in an envelope
addressed to: ASSISTANT
COMMISSIONER FOR PATENTS
WASHINGTON D.C. 20231, on
February 18, 1998
Name of Person Signing
Thomas J. Quinones
Signature of Person Signing